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## ABSTRACT

A crop chaffer for combines features air jets which deliver an air blast to the grain and chaff. The air jets and sifting screens are arranged in a cross sectionally "stair step" pattern in which the tread of each stair is the screen and the riser of the each stair has the air jet located thereon. The air jets do not allow grain passage, while the apertures in the screens do not produce a strong current of air. The chaffer is divided into individually separable and replaceable elements, thus greatly easing the burden of changing chaffers in the combine.

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